



**Bayfield County Administrator**  
117 E 5<sup>th</sup> Street, PO Box 878, Washburn, WI 54891  
Ph: 715-373-6181 Fx: 715-373-6153

Mark Abeles-Allison, *County Administrator*  
Kristine Kavajecz, *Assistant*

**BAYFIELD COUNTY, REQUEST FOR RE-BIDS  
SHELTER OFFLOAD AND INSTALLATION**

**DEADLINE WEDNESDAY, 2pm JANUARY 18, 2017**

Bayfield County Wisconsin is accepting bids for the offload and installation of two THERMOBOND Equipment Shelters in the City and Town of Washburn, WI. Bayfield County reserves the right to accept or reject any and all bids. Attached please find a description of the project together.

**Site Locations:**

“Hillside Tower Site”  
210 W. Woodland Dr.  
Washburn, WI 54891  
Lat: 46-41-05.0 N  
Lon: 90-53-44.5 W

“Maple Hill Tower Site”  
77255 W Maple Hill Road  
Washburn, WI 54891  
Lat: 46-31-33.6 N  
Lon: 91.00.38.0 W

**Bid Schedule:**

Bid Announcement: January 4, 2017  
Bids Due: 2:00pm Wednesday, January 18, 2017.  
Bids Opening: Bayfield County Courthouse, County Administrator Office  
Target Completion Date: March 1, 2017

**Bidders:**

- Bidders should use the attached BID RESPONSE FORM. It is available in Excel format also. Form should be completed and signed.
- Bids may be Faxed, Mailed or Emailed:
  - Mail Address  
SHELTER OFFLOAD AND INSTALLATION  
Bayfield County Administrator  
PO 878  
Washburn, WI 54891

- FAX: 715 373-6153
- Email Address (please send to both addresses)
  - [markaa@bayfieldcounty.org](mailto:markaa@bayfieldcounty.org) and [kkavajecz@bayfieldcounty.org](mailto:kkavajecz@bayfieldcounty.org)

**Bid Questions:** All bid questions must be submitted in writing via email to [markaa@bayfieldcounty.org](mailto:markaa@bayfieldcounty.org). Responses and changes will be posted on the county web site, [www.bayfieldcounty.org](http://www.bayfieldcounty.org)

**Introduction:**

Bayfield County is requesting bids to provide the materials and labor to complete the offloading and installation of two Tower Equipment Shelters as detailed below.

**General Standards and References:** These standards and references apply to all Bid response line items.

- Occupational Safety and Health Administration (OSHA): All work performed in the execution of these work phases shall comply with the pertinent OSHA standards. It is the awarded contractor responsibility to provide all personal protective equipment (PPE), training, supervision and policies to execute this work free from injury or illness.
- National Electrical Code (NEC) NFPA part 70: All electrical and coaxial cabling and installation shall comply with the 2014 Edition of NFPA part 70.

**Other Bid Requirements:**

**Bonding:** A bid bond of \$100 and a \$5,000 performance bond are required for the project.

**Vendor Experience:** Please list **three** similar projects undertaken by your company and include references.

**Insurance:** A certificate of liability insurance with Bayfield County named as an additional insured in the amount of \$1,000,000 is required. Proof of Workers Compensation insurance is also required.

**Davis Bacon:** Labor and rates are subject to Davis Bacon. The determination number is: WI 160011 / 10/14/2016

**WARRANTY:** Included in the price of all Bid Parcels shall include labor warranty which covers any travel, labor, and materials costs to resolve defects in workmanship for a period of one year after final acceptance of the work.

**Site Accessibility:**

“Hillside Tower Site”

Site is accessible from W Woodland Drive Approximately 200’ West of the intersection of Washington Avenue and W Woodland Drive in the City of Washburn, WI.

“Maple Hill Tower Site”

Site is accessible from W Maple Hill Road and is approximately 120’ from the road with a driveway that is overgrown with weeds and in poor repair.

**Current Shelters:**

Both Hillside and Maple Hill Tower equipment shelters currently house Public Safety Radio equipment that will be relocated by our communications contractor when the new shelters are ready for occupation. Both are built in place cinder block construction shelters with wooden trussed and shingled roofs. Each of which has 60-amp electrical service.

**Site Conditions:**

Hillside Site: This site is currently under construction with a new 180' self-supporting tower being erected, the installation of the proposed new shelter must be completed in coordination with the tower erection contractor (WAVE Communications, Sun Prairie) to ensure the rapid and unrestricted completion of the tower erection.

Maple Hill Site: This location has no current construction commenced, and current electrical power is routed overhead. It is Bayfield County's desire to have the new electrical service increased to 100-amp service and power to be delivered to the site underground. Also, this site has an existing 180' guyed tower on-site, particular attention to these guy wires must be paid when using crane services.

**Bid Parcel 1: Offload Costs:**

- a. **Offloading:** Costs for the offloading shall be listed with both buildings arriving on the same truck, offloading to take place the same day as delivery, to both sites.

Each shelter weighs 10,000 pounds. Each Shelter is 10'W, OD x 16'L, OD x 9" H. ID

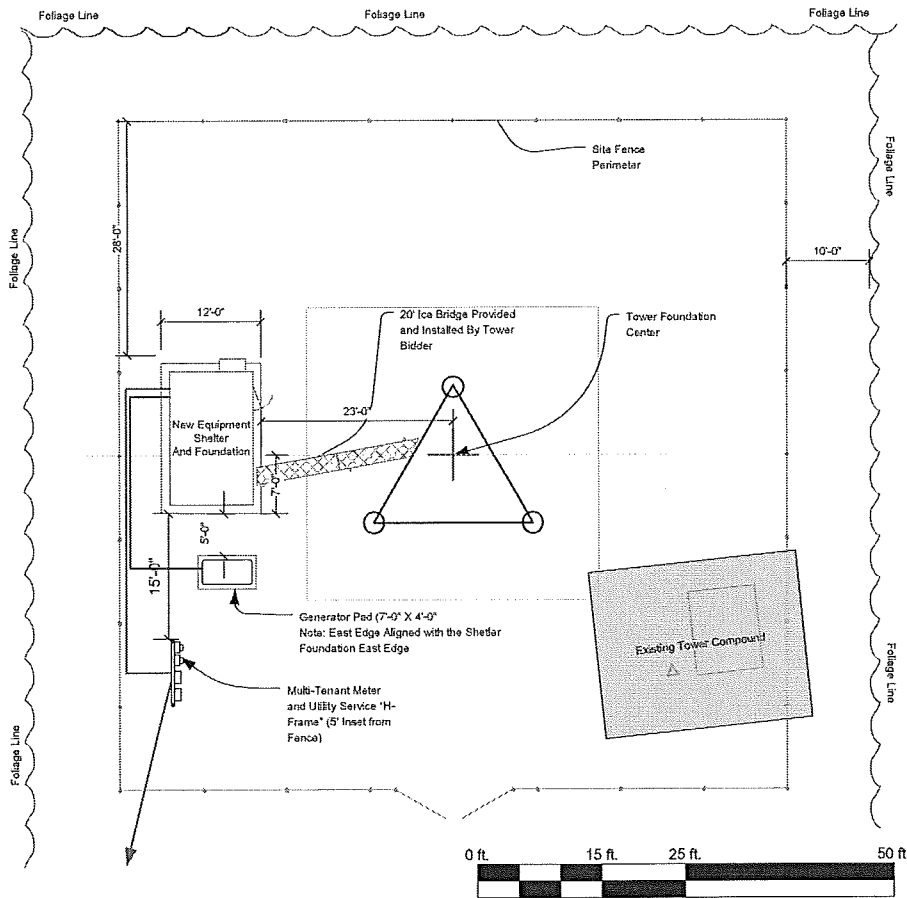
The Shelter Manufacturer and delivery company is: Thermobond Buildings. The Contact is: Doug Olson, 800 356 2686 x 203, [doug@thermobond.com](mailto:doug@thermobond.com)

**Bid Parcel 2, Shelter Installation:**

- a. **Construction of Shelter Foundation for "Hillside" Site, 12' x 18':** Upon award, the successful bidder shall construct the Tower Equipment Shelter foundation in accordance with the attached Tower Shelter Foundation plan and coordinate the delivery of the tower shelter with the manufacturer. All costs for crane services, labor, and materials to set the shelter on the foundations and affix them in accordance with the shelter manufacturer specifications shall be included in the bidder's single line-item price. Site details can be found in **Attachment A: Hillside Site Shelter and Foundation Plan** and **Attachment C.**
- b. **Construction of Generator Pad 7' x 4':** Upon award, the successful bidder shall construct the Generator Pad for which the details can be found in **Attachment C: Hillside Site Shelter and Foundation Plan.** All costs for services, labor, and materials to construct the Generator Pad shall be included in the bidder's single line-item price.
- c. **Construction of Shelter Foundation for "Maple Hill" Site:** Upon Award, the successful bidder shall construct the Tower Equipment Shelters in accordance with the attached Tower Shelter Foundation plan and coordinate the delivery of the tower shelter with the manufacturer. All costs for crane services, labor, and materials to set the

shelter on the foundations and affix them in accordance with the shelter manufacturer specifications shall be included in the bidder's single line-item price. Site Details can be found in **Attachment B** Maple Hill Site Sketch and Foundation plan **Attachment C**.

## Attachment A: Hillside Site Shelter and Foundation Plan (with Electrical)



### Conduit Group A Shelter Electrical Service:

- (1) Buried 2-1/2" Conduit with 200 Electrical Service from H-Frame to Equipment Shelter
- (2) Buried 1-1/2" Conduit with Pull Strings from H-Frame to Shelter. (These are for potential future DataCom Services).

### Conduit Group B Generator Service:

- (1) Buried 2" Conduit with (3) #6 Copper Cable for 100 Generator Power.
- (1) Buried 1-1/2" Conduit for (2) Cat 5 Data Cable and (2) 18-6 Control Cables and Pull String.

### Conduit Group C:

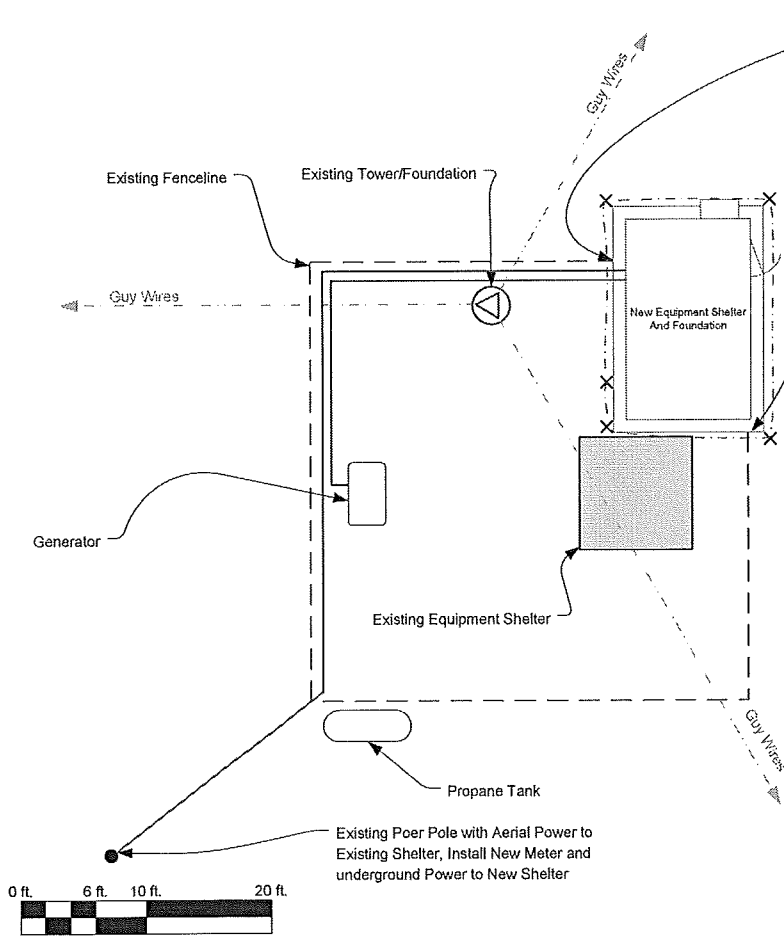
- Buried Electrical Service (Note: This must be in appropriate Size PVC from 3 feet outside of the fence perimeter to the H-Frame)

**Grounding Note:** Grounding Ring with connection cables will be provided by others, Electrical Contractor to make connections to the four corners and to the exterior Ground Bus bars.

**Conduit Note:** All Conduit run from Below Ground to Above Ground must be equipped with expansion fittings.

# Attachment B: Maple Hill Site Shelter and Foundation Plan (with Electrical)

Drawing Note: Site dimensions are approximated



**Fence Note:** For the installation of new tower, the Northeast corner of the Fence will need to be cut out for the Tower Equipment Shelter. When completed, the fence is to be reconstructed to a gap of no greater than 3" from the exterior walls of the shelter

**Conduit Group A Shelter Electrical Service:**

- (1) Buried Electrical Service Entrance from Meter to Shelter (Note: This must be in appropriate Size PVC from 3 feet outside of the fence perimeter to the H-Frame)

**Conduit Group B Generator Service:**

- (1) Buried 2" Conduit with (3) #6 Copper Cable for 100 Generator Power.
- (1) Buried 1-1/2" Conduit for (2) Cat 5 Data Cable and (2) 18-6 Control Cables and Pull String.

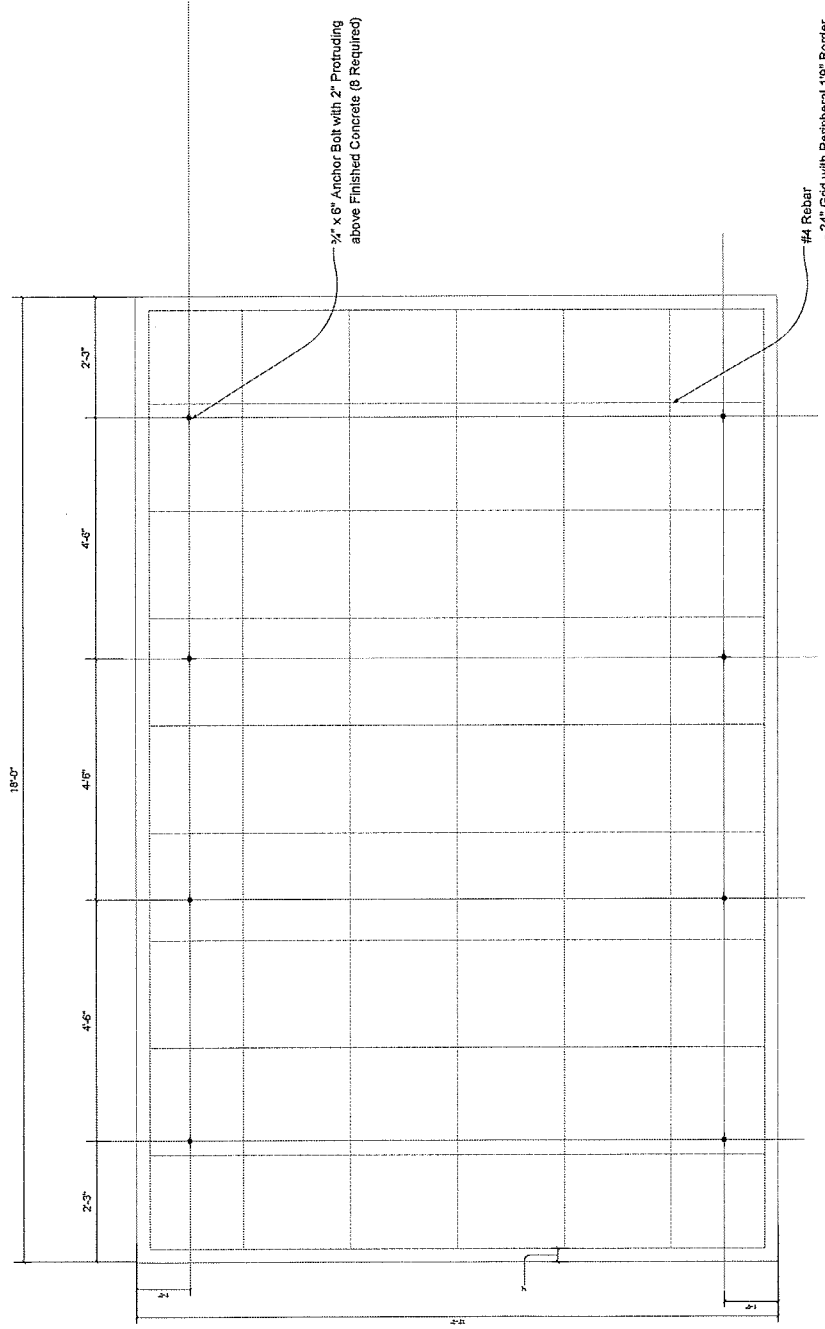
Grounding Ring Around Shelter  
Constructed of 1/4" Diameter X 8' Long  
Copper Clad Steel Ground Rods  
Bonded Together with #2 Solid Tinned  
Copper with Exothermic (CadWeld)  
Welds.

X 5/8" Diameter X 8' Long Copper Clad  
Steel Ground Rod Driven to 6" Below  
Grade.

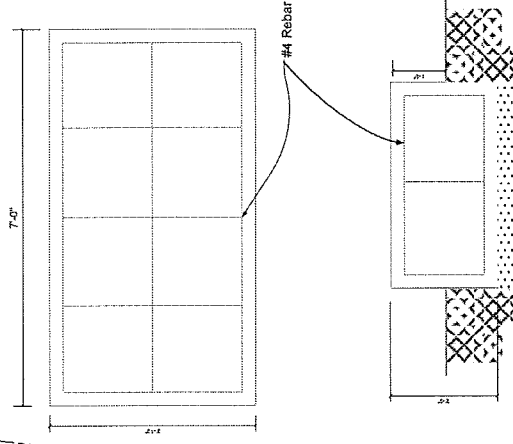
**Conduit Note:** All Conduit run from Below Ground to Above Ground must be equipped with expansion fittings.

# Attachment : Tower Shelter and Generator Foundation

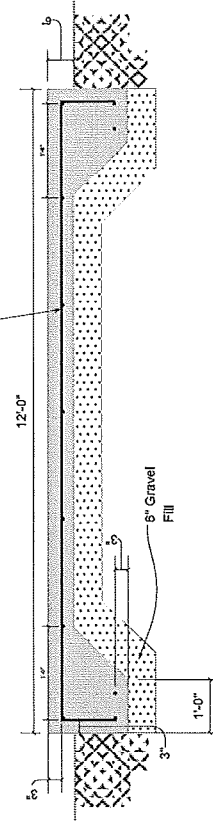
## Shelter Foundation



## Generator Foundation



- Notes:
- See Attachment F for Placement of Foundations
  - All Concrete Shall Attain a Minimum Compression Strength of 4000 PSI within 28 days
  - All Rebar to have a minimum of 2" Concrete Cover



# Bid Response Form for Bayfield County Offload and Installation Bid Sheet

**DEADLINE WEDNESDAY, 2pm JANUARY 18, 2017**

Company

Name: \_\_\_\_\_

Contact \_\_\_\_\_

Name: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

BID PARCEL	Description	Total
<b>1</b>	<b>OFFLOAD COSTS</b>	
a:	Offload Cost for 2 shelters arriving on same truck, 2 locations	\$
<b>2</b>	<b>SHELTER INSTALLATION</b>	
a.	Foundation Construction and Shelter Installation for Hillside Site	\$
b.	Hillside Site Generator Pad	\$
c.	Foundation Construction and Shelter Installation for Maple Hill Site	\$

## Bid Response Form Instructions:

Bid responses shall include a single monetary figure entered into the total column for each of the lettered rows for which you wish to bid.

The specifications for materials and work details for each lettered row can be found on the Bid Specifications Document in the corresponding paragraph number and title.

Bid responses may be deemed incomplete if they do not include monetary figures in each of the lettered rows, and may be rejected.

## PLEASE CHECK THESE ITEMS

<input type="checkbox"/>	Vendor acknowledges Davis Bacon Rates were used in calculation
<input type="checkbox"/>	Vendor acknowledges they had the opportunity to visit the tower site
<input type="checkbox"/>	Vendor has provided three references of similar work
<input type="checkbox"/>	Bid Bond and Performance Bonds are attached
<input type="checkbox"/>	Vendor will complete project by March 1, 2017 unless otherwise agreed in writing.
<input type="checkbox"/>	Vendor acknowledges and agrees to all warranty stipulations.

NAME

Date

TITLE

COMPANY NAME